



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application)
No. 10/602,356) For: REDUCING SERVICE
) OUTAGES IN A MULTIBEAM
) SATELLITE SYSTEM
Leonard N. Schiff)
)
Examiner: Huedung X. Cao)
)
Filed: June 23, 2003) Group No. 2821

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

Applicant submits herewith, in accordance with 37 CFR § 1.98, the patents, publications and other information listed on the enclosed Form PTO-1449.

CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8(a))

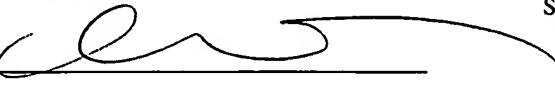
I hereby certify that this correspondence is, on the date shown below, being:

MAILING

deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Depositor's Name: Karyn D. Lao
(type or print name)

Date: July 6, 2005

Signature: 

FACSIMILE

transmitted by facsimile to the Patent and Trademark Office.

Depositor's Name: _____
(type or print name)

Date: _____

Signature: _____

The references submitted herewith are those of which Applicant is aware, which he believes may be material to the examination of this application and, with respect to which there may be a duty to disclose in accordance with 37 CFR § 1.56. While the references identified may be material to the examination of this application pursuant to 37 CFR § 1.56, the citation of these references is not intended to constitute an admission that any reference referred to herein is prior art to the invention of this application, unless specifically designated as such. Additionally, the filing of this Information Disclosure Statement shall not be construed to mean that any search has been made or, that if made, such search was complete or exhaustive, or that no other material information as defined in 37 CFR § 1.56 exists.

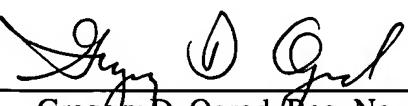
In accordance with 37 CFR § 1.97(b)(3), this Information Disclosure Statement is being submitted before mailing of the first Office Action on the merits. Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application.

A list of the references is set forth on Form PTO-1449, which is enclosed herewith, along with a copy of each cited foreign reference. Applicant respectfully requests that the Examiner return to Applicant a copy of the Form PTO-1449 indicating consideration of the references cited thereon.

Applicant does not believe that any fees are due for filing of this Information Disclosure Statement. If, however, it is determined that fees are owed, Applicant hereby authorizes that such fees be charged to Deposit Account No. 17-0026.

Respectfully submitted,

Dated: July 6, 2005

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FORM PTO-1449 (REV. 7-80)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 990589	SERIAL NO. 10/602,356
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Leonard N. Schiff			
DATE MAILED: July 6, 2005		FILING DATE June 23, 2003	GROUP 2821		

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
A1						
A2						
A3						
A4						
A5						
A6						
A7						

U.S. PATENT APPLICATION PUBLICATION DOCUMENTS

*EXAMINER INITIAL	PUBLICATION NUMBER	PUB. DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
B1						
B2						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	Ref No	DOCUMENT NUMBER	DATE	COUNTRY	NAME	CLASS	SUB CLASS
	C1	63-179629 with English-language Abstract	7/23/1988	JP	Nippon Telegraph & Telephone Corporation		
	C2						
	C3						
	C4						
	C5						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Page, Etc.)

	D1		
	D2		
	D3		
EXAMINER		DATE CONSIDERED	
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			